iBASE

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Digital Signage Players

Table of Contents

About IBASE Digital Signage Solutions 3

- Applications 4-5
- Leading Edge Solutions 6
- Key Features of IBASE Signage Players 7

Selection Guide Comparison Table 8

- Intel® OPS Signage Players 9
- Digital Signage Players 10-11

Product Specifications

Entry-Level

SI-06	Fanless Signage Player, with Intel® Atom™ Processor D2550 and Intel® GMA 3650 Integrated Graphics	12
SI-08	Fanless Signage Player, with AMD G-Series 1.65GHz Dual-Core APU and Radeon™ 6320 Graphics	13
SI-12	Fanless Signage Player, Intel® Atom™ E3845 Quad-Core @1.91GHz Processor and Intel® (Gen7-LP) 4EU Graphics	14
SI-18	Compact Signage Player, with AMD G-Series 1.65GHz Dual-Core APU and Radeon™ 6320 Graphics	15
SI-22	Fanless Signage Player, with AMD G-series SoC Quad-Core @ 1.5GHz APU and Radeon™ 8330E Graphics	16

Mid-Range

SI-38N	Dual DVI Fanless Signage Player, AMD R-452L Quad-Core/R-260H Dual-Core APU with Radeon™ 7600G/7500G Graphics	17
SI-7U-38	Mid-Range Signage Chassis 7U 19" Rackmount Signage Chassis	18
SI-38	Dual DVI Signage Player, AMD R-464L Quad-Core/R-272F Dual-Core APU with Radeon™ 7660G/7520G Graphics	19
SI-56	Dual HDMI Signage Player, with 2nd/3rd Gen. Intel® Core™ i7/i5/i3/ Celeron® Quad-Core/Dual-Core processors and Intel HD Integrated Graphics	20
SI-62	DVI-I + HDMI Signage Player, with 2nd/3rd Gen. Intel® Core™ i7/i5/i3/ Celeron® Quad-Core/Dual-Core processors and Intel® HD Integrated Graphics	21
SI-83	2x DP + HDMI Signage Player, with 4th Gen. Intel® Core™ i processors and Intel® HD 4600 / 4400 Integrated Graphics	22

Extreme Performance

SI-58	Six HDMI Signage Player, with 2nd/3rd Gen. Intel® Core™ Processor and AMD Radeon™ E6760 Graphics with 1024MB GDDR5-1600	23
SI-64	Four DVI Signage Player, with 2nd/3rd Gen. Intel® Core™ Desktop Processor and AMD Radeon™ E6760 Graphics with 1024MB GDDR5-1600	24
SI-4R	Eight DVI Redundant System Solution	25

Open Pluggable Specification(OPS) Player

IOPS-18	OPS Signage Player, with AMD G-Series 1.65GHz Dual-Core APU and Radeon™ 6320 Graphics	26
IOPS-76	OPS Signage Player, with 2nd/3rd Gen. Intel® Core™ i Processor and Intel® HD Integrated Graphics	27

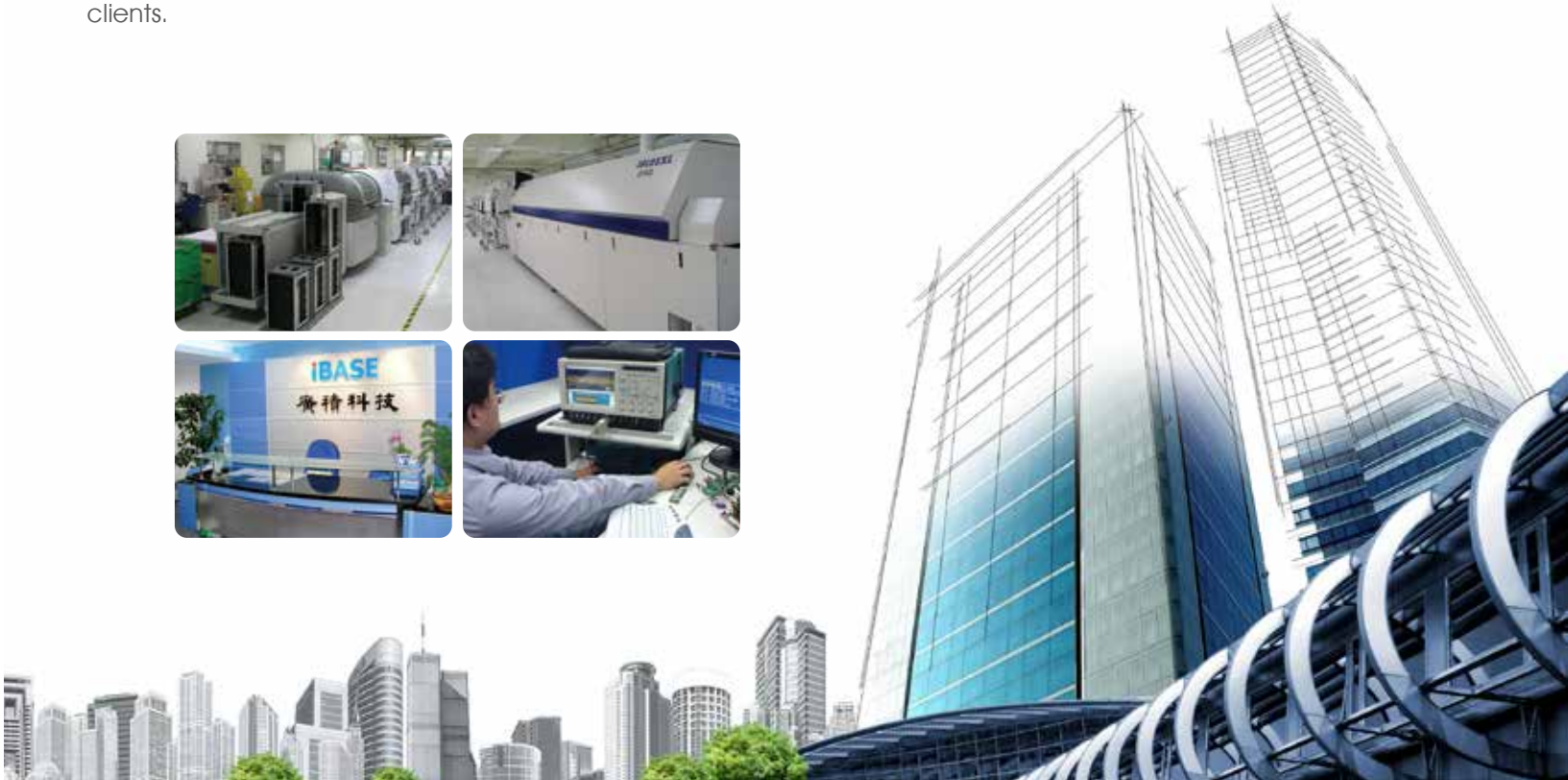
About IBASE

IBASE Technology is a leading embedded PC manufacturer with a special focus on high quality and high performance digital signage media players. We offer a full range of products that cater to the needs of customers for different applications and create unique and successful experiences for our users worldwide.

A full product lineup is available for various requirements such as entry, mid-range or high performance level, which comes with segregated airflow or fanless designs. Our long life-cycle digital signage systems offer one, dual, quad, six and even more DVI/HDMI outputs - all support 1080P individual contents. Best selling models including SI-08, SI-18, SI-28, SI-38 and SI-58 have been certified by SCALA.

IBASE's R&D team is composed of talented hardware and software engineers - 50% with over 10 years and 45% with 5 to 10 years of experience in their respective fields. Manufacturing and quality control of IBASE products are 100% carried out in our own production facilities in Taiwan. Certified by ISO 9001 quality management system, the facilities have been qualified by world-class IT companies.

IBASE also provides ODM and design services in computer hardware, software and packaging encompassing industrial designs in various fields and applications. IBASE tailors its services to meet customers' requirements, while providing technical research and R&D expertise, in order to offer one-stop shopping services to our clients.



Digital Signage Solutions

High Quality Signage Players that Cater to Your Needs

Education
- School Events
- Intelligent Classroom
- Vivid Lecture Materials

Public Venues
- Airport Flight Schedule
- Building Directory
- Event & Tradeshow
- Safety Alert Sign

iBASE
Digital Signage Applications

Advertisement
- Virtual Dressing Room
- Multimedia Ads
- Instant Content Updates

Retail Environment
- Food Menu Display
- Video Playback Content
- POS Register & Kiosk

Internal Communication
- Meeting & Conference
- Reception Room
- Innovative Workshop

Surrounding Your World - with Digital Signage

Digital Signage Deployments

IBASE's Signature Book™ digital signage players have created unique and successful experiences for our users across different industries. Our players are widely adopted in different applications, covering major cities around your world. So contact us now and explore your new opportunities!

SI-64

Magic Mat - **Japan**

Vending Machine - **Malaysia**

SI-38

Digital Signage Wall - **Japan**

Digital Signage Menu Boards - **United Kingdom**

SI-58

Menu Board - **Hong Kong**

In-Door Promotion - **Japan**

Outdoor Display - **Singapore**

SI-08

SI-18

Public Ad Display - **Japan**

Signage Stand - **New Zealand**

Vending Machine - **Australia**

Key Features of IBASE Signage Players

EuP/ErP intelligently confines the power consumption of equipment on/off mode condition to be under or equal to 0.5W through the BIOS.

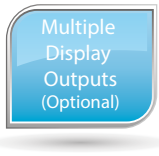
Auto Power On/Off Scheduler allows users to configure the system to auto start and shut down at a specific time.

Power Resume allows the micro processor to resume the system after a power failure.

Intelligent System Recovery enables the system to recover the Windows operating system to factory default state in the event of system crash or software corruption.

Low Temperature Guardian helps the system to boot up even under extreme low temperature environment.

Slim & Compact design with the integrated mounting bracket enables easy installation in space constraint deployment.



Simultaneously **Multiple Independent Display Outputs** provide an ultra immersive visual environment for the ultimate panoramic computing experience.

Multiple Mini PCI-e expansion slot allows **Flexible Connectivity** for WiFi/BT/3G/GPS & TV tuner.

Segregated Thermal Design ensures long term reliability with a minimum acoustic footprint, the cooling airflow is segregated from the electronics to keep contaminants out.

Fanless cooling design utilizes the rugged extruded aluminium chassis as a heat sink to dissipate internal heat and provide a quiet and **Fanless** operation.

Through IBASE innovative design concept and strict selection of components, IBASE hardware are bulit for **24/7** operation.

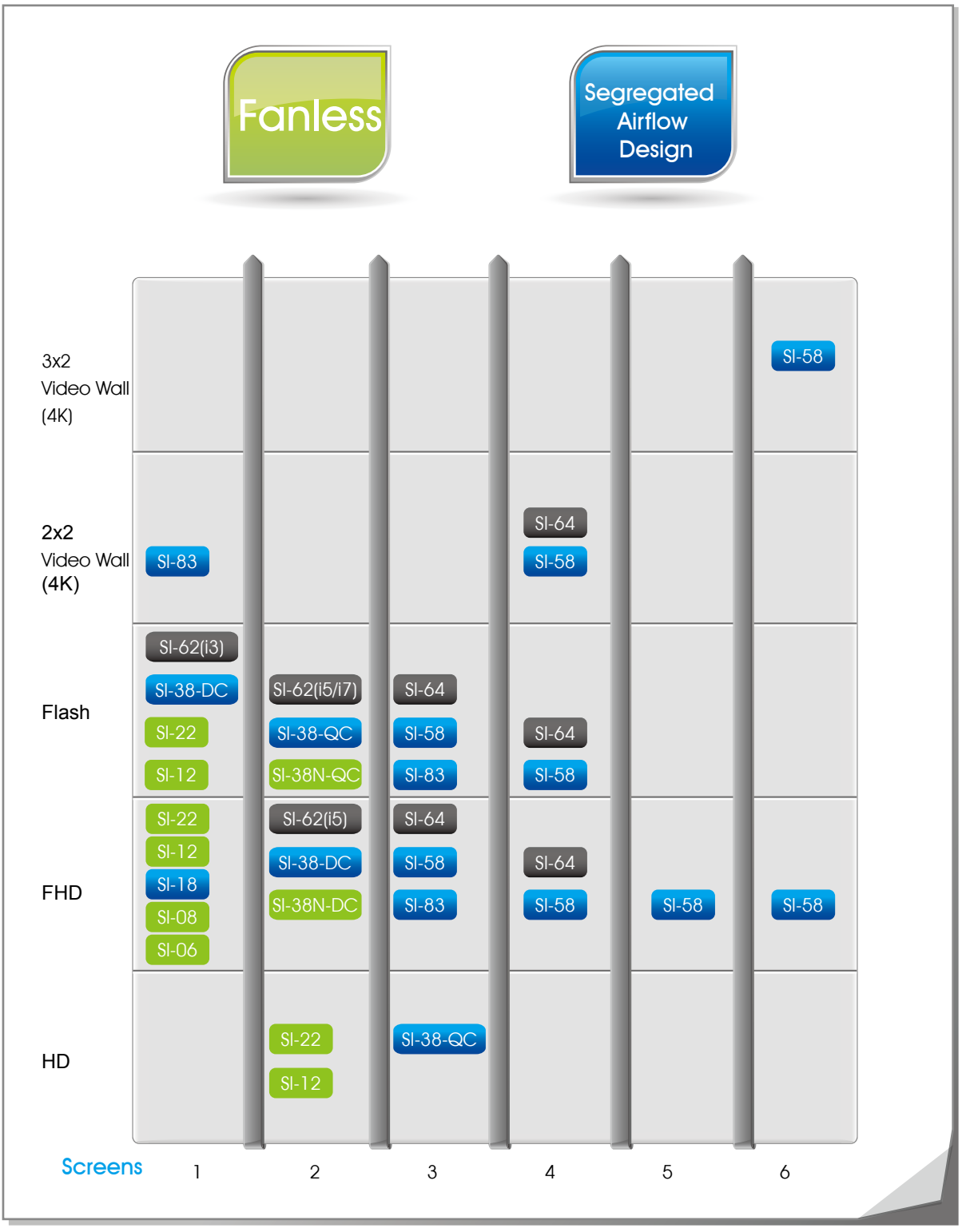
IBASE offers **5~7 years** longevity support and supply that is vital to large-scale stage deployment

Loading Edge Solutions

IBASE is proud to work with the industry-leading digital signage developers to provide complete hardware turnkey solutions used in areas such as retail, outdoor, advertising, public transport, casinos, healthcare, banks, hotels and campuses. Our success in IBASE signage player is driven by aspiration, passion and innovation coming from our dedicated engineers.

Selection Guide

A full range of product choices is available for different requirements such as entry, mid-range or high performance level fanless or segregated ventilation designs. From single to multiple output display, passive or active cooling, IBASE offers a full range of products that cater to the needs of customers for different applications and environment.



Comparison Table

Lowering Deployment and Maintenance Costs

With the Intel® Open Pluggable Specification (OPS), standardization to the digital signage market becomes feasible. With embedded Intel® architecture, featuring Intel® AMT, operators can perform regular control, maintenance and upgrades remotely.

Communicate with Your Visitors

Digital signage advertisements can help your business communicate with all your audiences easily. OPS Signage Players are your perfect choice to advertise in:

- ✓ Conference
- ✓ Education
- ✓ Hospitality
- ✓ Financial
- ✓ Restaurants
- ✓ Healthcare

OPS solution		
Models	iOPS-18	iOPS-76
CPU	AMD G-Series Dual-Core APU (Accelerated Processing Unit): T56N=1.65GHz @ 18W TDP	Intel® 2nd/3rd Generation Mobile Core™ i7/i5/i3 and Pentium® QC/DC processors
Chipset	AMD A50M Controller Hub	Intel® QM77 PCH
Memory	DDR3-1333 SO-DIMM Max. 4GB	2x DDR3 1066/1333/1600 SO-DIMM, Max. 16GB
Graphics	AMD Radeon™ HD6320 series graphics processing system integrated in APU	Intel® HD Graphics 4000
Display	1x OPS connector 1x VGA	1x OPS connector 1x DP
Ethernet	1x Realtek RTL8111C PCI-E Gigabit LAN controller	1x Intel® 82579LM Gigabit LAN controller
Expansion slots	1x Mini PCI-E(x1) for Wi-Fi/Bluetooth options	2x Mini PCI-E(x1) for Wi-Fi/Bluetooth/ TV Tuner/ 3G Wireless options
Video Capability	1x FHD	2x FHD
iAMT/DASH	-	iAMT
Storage	1x Open frame SSD	1x mSATA SSD
USB	2x USB 2.0	2x USB 3.0
Dimensions	200mm(W) x 119mm(D) x 30mm(H)	200mm(W) x 119mm(D) x 30mm(H)
Weight	0.9Kg (1.98lbs)	0.9Kg (1.98lbs)
Operating Temperature	0°C~ 40°C (32°F~104°F)	0°C~ 40°C (32°F~104°F)
Certification	CE/FCC	CE/FCC

Comparison Table

Entry-Level

Models	SI-06	SI-08	SI-12	SI-18	SI-22	SI-38
CPU	Intel® Atom™ Processor D2550, 1.86GHz	AMD G-Series Dual-Core APU T56N=1.65GHz	IIntel® Processor Atom E3845 SoC (22nm); Quad-Core @1.91 GHz	AMD G-Series Dual-Core APU T56N=1.65GHz	AMD Embedded G Series SoC APU Quad-Core @ 1.5 GHz	AMD R-Series 32nm Quad-Core R-464L or Dual-Core R-272F APU
Chipset	Intel® NM10	AMD A50M	Integrated	AMD A50M	Integrated	AMD A70M
Memory	DDR3 1066MHz SO-DIMM Max. 4GB	DDR3-1333 SO-DIMM Max. 4GB	2x DDR3L-1333 SO-DIMMs, Dual Channel, Max. 8GB (Non-ECC)	DDR3-1333 SO-DIMM Max. 4GB	DDR3-1600 SO-DIMM Max. 8GB	2x DDR3-1600 SO-DIMM Dual Channel, Max. 8GB
Graphics	Intel® GMA 3650 integrated graphics engine	AMD Radeon™ HD6320 series graphics processing system integrated in APU	Intel HD Graphics (Gen 7-LP) 4EU	AMD Radeon™ HD6320 series graphics prcessing system integrated in APU	AMD Radeon™ HD8330E series graphics processing system integrated in APU	AMD Radeon™ HD 7660G GPU for R-464L /7520G GPU for R272F
Display	1x Hybrid-DVI (VGA/ DVI/ HDMI with audio)	1x Hybrid-DVI (VGA/ DVI/ HDMI with audio)	2x HDMI 1.4a	1x Hybrid-DVI (VGA/ DVI/ HDMI with audio)	2x HDMI 1.4a	1x Hybrid-DVI (VGA/ DVI/ HDMI with audio) 1x Dual Link DVI-I
Ethernet	1x Realtek RTL8111E PCI-E Gigabit LAN controller	1x Realtek RTL8111C PCI-E Gigabit LAN controller	1x Realtek RTL8111G PCI-E Gigabit LAN controller	1x Realtek RTL8111C PCI-E Gigabit LAN controller	1x Realtek RTL8111DP PCI-E Gigabit LAN controller	1x RTL8111E Gigabit LAN controller
Expansion slots	1x Mini PCI-E(x1) for Wi-Fi/ Bluetooth/ TV Tuner/ 3G Wireless options	1x Mini PCI-E(x1) for Wi-Fi/ Bluetooth options	1x Mini PCI-E(x1) for Wi-Fi/ Bluetooth/ TV Tuner/ 3G Wireless options	1x Mini PCI-E(x1) for Wi-Fi/ Bluetooth options	1x Mini PCI-E(x1) for Wi-Fi/ Bluetooth/ TV Tuner/ 3G Wireless options	2x Mini PCI-E(x1) for Wi-Fi/Bluetooth/ TV Tuner/ 3G Wireless options
Video Capability	1x FHD	1x FHD	1x FHD 2x HD	1x FHD	1x FHD 2x HD	2x FHD
iSmart	Yes	Yes	Yes	Yes	Yes	Yes
Fanless	Yes	Yes	Yes	Segregated Ventilation	Yes	Segregated Ventilation
iAMT/DASH	-	-	-	-	DASH	-
Certification	CE/FCC, UL & CCC	CE/FCC, UL & CCC	CE/FCC, UL & CCC	CE/FCC, UL & CCC	CE, FCC class B, VCCI class B, UL and CCC	CE/FCC, UL & CCC
Storage	1x 2.5" HDD drive bay 1x mSATA	1x 2.5" HDD drive bay	1x mSATA	1x 2.5" HDD drive bay	1x mSATA	1x 2.5" HDD drive bay 1x mSATA
USB	2x USB 2.0	2x USB 2.0	2x USB 2.0 1x USB 3.0	2x USB 2.0	1x USB 2.0 2x USB 3.0	2x USB 3.0
Dimensions	166mm(W) x 102mm(D) x 34mm(H)	200mm(W) x 150mm(D) x 34.8mm(H)	190mm(W) x 130mm(D) x 19.5mm(H)	125mm(W) x 125mm(D) x 36mm(H)	190mm(W) x 130mm(D) x 19.5mm(H)	270mm(W) x 180mm(D) x 26.5mm(H)
Weight	1.26KG (2.77lbs)	1.3Kg (2.86lbs)	1.2 Kg (2.65lbs)	0.8Kg (1.76lbs)	0.9Kg (1.98lbs)	1.7kg (3.75lbs)
Operating Temperature	0°C~ 45°C (32°F~113°F)	0°C~ 40°C (32°F~104°F)	-30°C~ 60°C (-22°F~140°F)	0°C~ 40°C (32°F~104°F)	0°C~ 45°C (32°F~113°F)	0°C~ 45°C (32°F~113°F)
Power Supply	40W power adaptor	60W power adaptor	60W power adaptor	60W power adaptor	60W power adaptor	84W power adaptor

Comparison Table

Mid-Range				High Performance & Multi-port Platform	
SI-38N	**SI-56**	**SI-62**	**SI-83**	**SI-58**	**SI-64**
Onboard AMD R-Series 32nm Quad-Core R-452L/ Dual Core R-260H APU	2nd/3rd Generation Intel® Mobile Core™ i7/i5/i3/ Celeron® QC/ DC processors	2nd/3rd Generation Intel® Mobile Core™ i7/i5/i3/ Celeron® QC/ DC processors	4th Generation Intel® Core™ i7-4700EQ 2.4GHz 4th Generation Intel® Core™ i5-4400E 2.7GHz	2nd/3rd Generation Intel® Mobile Core™ i7/ i5/i3/ Celeron® QC/ DC processors	2nd/3rd Generation Intel® Desktop Core™ i7/i5/i3/ Celeron® QC/ DC processors
AMD A70M	Intel® QM67	Intel® QM77	Intel® QM87	Intel® QM67	Intel® Q77
2x DDR3-1600 SO-DIMM, Dual Channel, Max. 8GB	2x DDR3-1333 SO-DIMM Dual Channel, Max. 16GB	2x DDR3-1600 SO-DIMM Dual Channel, Max. 16GB	2x DDR3L-1600 SO-DIMM Dual Channel, Max. 16GB	2x DDR3-1333 SO-DIMM Dual Channel, Max. 16GB	2x DDR3 1066/1333/1600 DIMM, Dual Channel, Max. 16GB
AMD Radeon™ HD 7600G GPU for R-452L /7500G GPU for R-260H	Intel® HD Graphics 4000	Intel® HD Graphics 4000	Intel® HD 4600 /4400	AMD E6760 GPU (480 Cores @ 600 MHz) w/ 1024MB GDDR5-1600	AMD E6760 GPU (480 Cores @ 600 MHz) w/ 1024MB GDDR5-1600
1x Hybrid-DVI (VGA/ DVI/ HDMI with audio) 1x Dual Link DVI-I	2x HDMI	1x DVI-I 1x HDMI	1x HDMI 2x DP	6x HDMI 2x DP	1x Hybrid-DVI (VGA/ DVI/ HDMI with audio) 3x DVI-D
1x RTL8111E Gigabit LAN controller	1x Intel® 82579LM Gigabit LAN controller 1x Intel® 82579V Gigabit LAN controller"	1x Intel® 82579LM Gigabit LAN controller	1x GbE with Intel® WGI217LM 1x GbE with Realtek RTL8111G-CG	1x Intel® 82579LM Gigabit LAN controller 1x Intel® 82579V Gigabit LAN controller"	1x Intel® 82579LM Gigabit LAN controller 1x Intel® 82579V Gigabit LAN controller
2x Mini PCI-E(x1) for Wi-Fi/ Bluetooth/ TV Tuner/ 3G Wireless options	2x Mini PCI-E(x1) for Wi-Fi/ Bluetooth/ TV Tuner/ 3G Wireless options	2 x Mini PCI-E(x1) for Wi-Fi/ Bluetooth/ TV Tuner/ 3G Wireless options	1 x Mini PCI-E(x1) for Wi-Fi/ Bluetooth/ TV Tuner/ 3G Wireless options	2x Mini PCI-E(x1) for Wi-Fi/ Bluetooth/ TV Tuner/ 3G Wireless options	2x Mini PCI-E(x1) for Wi-Fi/ Bluetooth/ TV Tuner/ 3G Wireless options
2x FHD	2x FHD	2 X FHD	3x FHD 4K video playback	6x FHD	4x FHD
Yes	Yes	Yes	Yes	Yes	Yes
Yes	Segregated Ventilation	-	Segregated Ventilation	Segregated Ventilation	-
-	iAMT	iAMT	iAMT	iAMT	iAMT
CE/FCC, UL & CCC	CE/FCC, UL & CCC	CE/FCC, UL & CCC	CE/FCC, UL & CCC	CE/FCC, UL & CCC	CE/FCC, UL & CCC
1x 2.5" HDD drive bay 1x mSATA	1x 2.5" HDD drive bay 1x mSATA	1x 2.5" HDD drive bay 1x mSATA	1x mSATA	1x 2.5" HDD drive bay 1x mSATA	1x SATA 3.0 2.5" HDD Dock 1x mSATA
2x USB 3.0	3x USB 3.0	2x USB 3.0	2x USB 3.0 2x USB 2.0	3x USB 2.0	2x USB 3.0 2x USB 2.0
270mm(W) x 181mm(D) x 35mm(H)	275mm(W) x 275mm(D) x 30mm(H)	178mm(W) x 150mm(D) x 35mm(H)	175mm(W) x 116mm(D) x 30mm(H)	275mm(W) x 275mm(D) x 30mm(H)	380mm(W) x 250mm(D) x 45mm(H)
1.7kg (3.75lbs)	3.1Kg (6.83lbs)	1kg (2.20lbs)	1.2 Kg (2.65lbs)	3.1Kg (6.83lbs)	4.1kg (9.04lbs)
0°C~ 45°C (32°F~104°F)	0°C~ 45°C (32°F~113°F)	0°C~ 45°C (32°F~113°F)	0°C ~ 45C (32°F~113°F)	0°C~ 45°C (32°F~113°F)	0°C~ 45°C (32°F~113°F)
84W power adaptor	150W power adaptor	60W power adaptor	84W power adaptor	150W power adaptor	Internal 250W PSU

SI-06

Entry-Level, Fanless Signage Player, with Intel® Atom™ Processor D2550 and Intel® GMA 3650 Integrated Graphics

Signature Book ™

Features

- iSMART - for EuP/ErP power saving, autoscheduler and power resume
- Onboard Intel® Atom™ Processor D2550 (Low power consumption)
- Intel® GMA 3650 integrated graphics
  1x DDR3 1066MHz SO-DIMMMax. 4GB
- 2x Mini PCI-E(x1) slot expansion slot for mSATA, Wi-Fi, 3G or TV tuner options
- Fanless and compact design

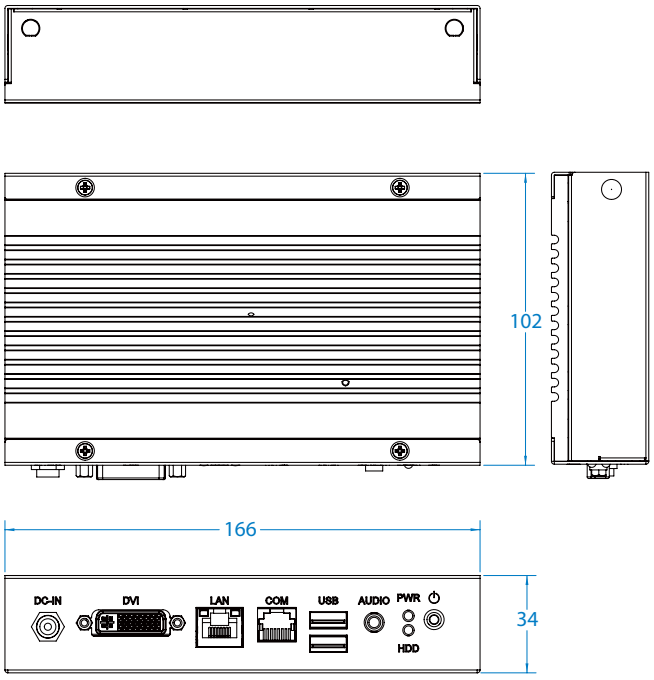
Specifications

System Mainboard	IB901
CPU Type	Intel® Atom™ Processor D2550
CPU Package	FCBGA559
Chipset	Intel® NM10
Memory	1x 204-pin SO-DIMM socket, support DDR3 1066MHz with unbuffered and non-ECC memory module, Max. 4GB
Graphics	Intel® GMA 3650 integrated graphic engine
LAN	1x Realtek RTL8111E PCI-E Gigabit LAN controller
Expansion Slots	1x Mini PCI-E(x1) slot for mSATA, Wi-Fi, Bluetooth, 3G Wireless and TV tuner options
I/O Interface	2x USB 2.0 ports 1x RJ45 for Gigabit LAN 1x RJ45 for RS232 1x Hybrid-DVI (VGA/ DVI/ HDMI with audio) 1x Microjack audio connector for speaker Power LED / HDD LED, power on/off button 12V DC-in power connector
Auto Control and Monitoring	Watchdog Timer: 256 segments, 0, 1, 2...255 (sec/min) On / Off scheduler: 2 time slots
Power Requirement	+12V DC-in
Construction	Aluminum + SGCC
Weight	1.26KG (2.77lbs)
Chassis Color	Black & White
Storage	1x 2.5" HDD drive bay 1x mSATA
Power Supply	40W power adaptor
Mounting	Slim design with wall mounting holes
Dimensions	166mm(W) x 102mm(D) x 34mm(H) 6.54"(W) x 4.02"(D) x 1.34"(H)
Operating Temperature	0°C~ 45°C (32°F~113°F)
Storage Temperature	-20°C ~ 80°C (-4°F~176°F)
Relative Humidity	5~90% @ 45°C, (non-condensing)
Vibration	SSD: 5 grms / 5~500Hz / random operation HDD: 0.25 grms / 5~500Hz / random operation
Certification	CE, FCC, UL, CCC

Ordering Information

SI-06	Signage Player with 2GB RAM, 320GB HDD, 40W power adaptor
SI-06M	Signage Player without RAM, HDD, with 40W power adaptor
SI-MK1	Mounting bracket for SI-06/08/12/18/22 series

Dimensions



Remarks: 1. Specifications are subject to change without prior notice.
2. ODM/OEM is available.

SI-08

Entry-Level, Fanless Signage Player, with AMD G-Series 1.65GHz Dual-Core APU and Radeon™ 6320 Graphics

Signature Book™

Features

- iSMART - for auto-scheduler and power resume
- AMD Embedded G-Series APU (Dual-Core)
- Integrated 80 Core DirectX 11 GPU in processor
- 1x Hybrid-DVI (supports CRT, DVI or HDMI)
- 1x DDR3 1333MHz SO-DIMM, Max. 4GB
- Mini PCI-E(x1) slot for Wi-Fi + Bluetooth option
- One RS232 serial port
- Fanless and compact design

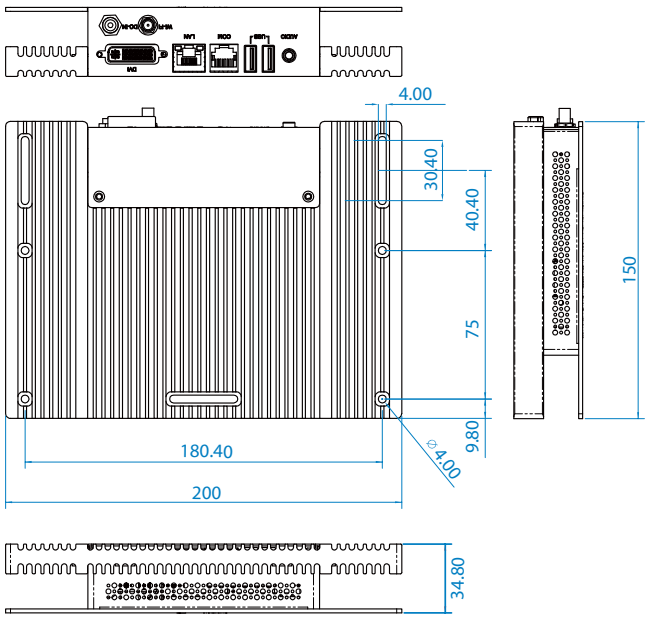
Specifications

System Mainboard	EB900-16C-SI
CPU Type	AMD G-Series Dual-Core APU (T56N=1.65GHz @ 18W TDP)
CPU Package	413-BGA
Chipset	AMD A50M
Memory	DDR3 1333MHz SO-DIMM memory, Max. 4GB
Graphics	AMD Radeon HD6320 series graphics processing system integrated in APU: DirectX 11, Direct Compute 11, Open GL 4.0, OpenCL 1.1, UVD3 Hardware Video Decoder – MPEG2, MPEG4, H.264, VC-1, WMV9, Hybrid-DVI connector supporting CRT, DVI, or HDMI devices
LAN	1x Realtek RTL8111C PCI-E Gigabit LAN controller
Expansion Slots	1x Mini PCI-E(x1) for Wi-Fi Bluetooth options
I/O Interface	1x Hybrid-DVI (VGA/ DVI/ HDMI with audio) 2x USB 2.0 ports 1x RJ45 for Gigabit LAN 1x RJ45 for RS232 serial port 1x Microjack audio connectors for Line-in or Line-out
Auto Control and Monitoring	Watchdog Timer: 256 segments, 0, 1, 2...255 (sec/min) On / Off scheduler: 2 time slots
Power Requirement	+12V DC-in
Construction	Aluminum + SGCC
Weight	1.3Kg (2.86lbs)
Chassis Color	Black & White
Storage	1x 2.5" HDD drive bay
Power Supply	60W power adaptor
Mounting	Slim design with wall mounting holes
Dimensions	200mm(W) x 150mm(D) x 34.8mm(H) 7.87"(W) x 5.91"(D) x 1.37"(H)
Operating Temperature	0°C~ 40°C (32°F~104°F)
Storage Temperature	-20°C ~ 80°C (-4°F~176°F)
Relative Humidity	5~90% @ 45°C, (non-condensing)
Vibration	SSD: 5 grms / 5~500Hz / random operation HDD: 0.25 grms / 5~500Hz / random operation
Certification	CE, FCC

Ordering Information

SI-08	Signage Player with AMD T56N APU 1.65GHz, 2GB RAM, 320GB HDD, 60W power adaptor
SI-08M	Signage Player with AMD T56N APU 1.65GHz, without RAM, HDD, with 60W power adaptor
SI-MK1	Mounting bracket for SI-06/08/12/18/22 series

Dimensions



SI-12

Entry-Level, Fanless Signage Player, Intel® Atom™ E3845 Quad-Core @1.91GHz Processor and Intel® (Gen7-LP) 4EU Graphics

Signature Book™

NEW

iSMART

FANLESS

Features

- iSMART - for EuP/ErP power saving, auto-scheduler and power resume
- Intel® Atom™ Processor E3845 SoC (22nm); Quad-Core @ 1.91 GHz
- Intel HD Graphics (Gen 7-LP) 4EU
- 2x DDR3L-1333 SO-DIMM, Dual Channel, Max. 8GB
- Supports 2x HDMI 1.4a
- 1x Mini PCI-E(x1) slots for WiFi + Bluetooth, 3G, and TV tuner board options
- Fanless, super slim and compact design
- Wide Operating Temperature support from -30°C to 60°C

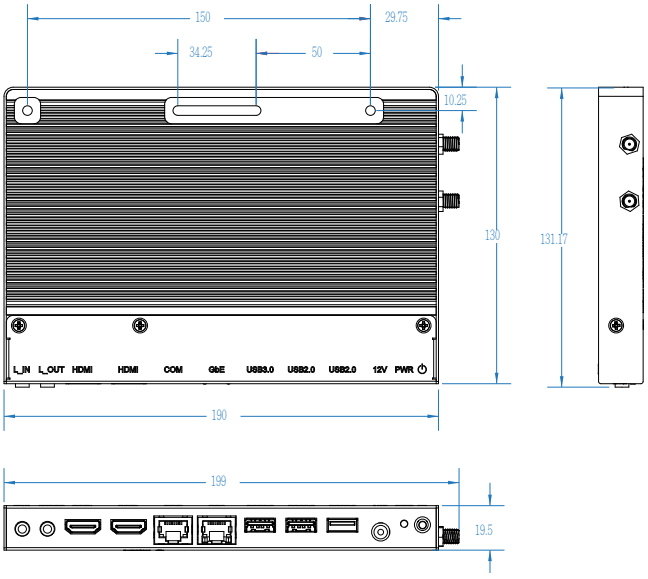
Specifications

System Mainboard	IB812
CPU Type	Intel® Atom™ E3845 SoC (22nm); Quad-Core @ 1.91 GHz Integrated Graphic Core
CPU Socket	FCBGA 1170 BGA -- aka Atom "Type 3" (25mm x 27mm)
Chipset	SoC Integrated
Memory	2x DDR3L-1333 SO-DIMMs, Dual Channel, Max. 8GB (Non-ECC)
Graphics	Intel® HD Graphics (Gen 7-LP) 4EU
LAN	1x RJ-45 GbE
Expansion Slots	1x mPCIe(x1) for WiFi + Bluetooth, 3G, and TV tuner options 1x UIM/SIM card slot (for 3G/LTE adapter in mPCIe slot)
I/O Interface	2x HDMI 1.4a 1x USB 3.0 ports, 2x USB 2.0 port 1x RJ45 for LAN, 1x RJ45 for RS232 2x audio connectors for Line-in / Line-out Power / HDD LED, 1x power on/off button 1x DC jack
Auto Control and Monitoring	Watchdog Timer: 256 segments, 0, 1, 2…255 sec/min
Power Requirement	+12V DC-in
Construction	Aluminum + SGCC
Weight	1.2 Kg (2.65lbs)
Chassis Color	Black & White
Storage	1x mSATA
Power Supply	60W power adaptor
Mounting	STD system bracket
Dimensions	190mm(W) x 130mm(D) x 19.5mm(H) 7.5"(W) x 5.1"(D) x 0.77"(H)
Operating Temperature	-30°C ~ 60°C (-22°F~140°F)
Storage Temperature	-40°C ~ 80°C (-40°F~176°F)
Relative Humidity	5~90% @ 45°C, (non-condensing)
Vibration	mSATA: 5 grms / 5~500Hz / random operation
Certification	CE, FCC, UL, CCC

Ordering Information

SI-12	Signage Player with Intel® AtomTM E3845 SoC (22nm); Quad-Core @ 1.91 GHz, 4GB SO-DIMM RAM, 64GB mSATA, and 60W power adaptor
SI-12M	Signage Player with Intel® AtomTM E3845 SoC (22nm); Quad-Core @ 1.91 GHz, w/o RAM, mSATA, w/ 60W power adaptor
SI-MK1	Mounting bracket for SI-06/08/12/18/22 series

Dimensions



Remarks: 1. Specifications are subject to change without prior notice.
2. ODM/OEM is available.

SI-18

Entry-Level, Compact Signage Player, with AMD G-Series 1.65GHz Dual-Core APU and Radeon™ 6320 Graphics

Signature Book™

Features

- iSMART - for auto-scheduler and power resume
- AMD Embedded G-Series APU (Dual-Core)
- Integrated 80 Core DirectX 11 GPU in processor
- 1x Hybrid-DVI (supports CRT, DVI or HDMI)
- 1x DDR3 1333MHz SO-DIMM, Max. 4GB
- Mini PCI-E(x1) slot for Wi-Fi + Bluetooth options
- One RS232 serial port
- Compact design

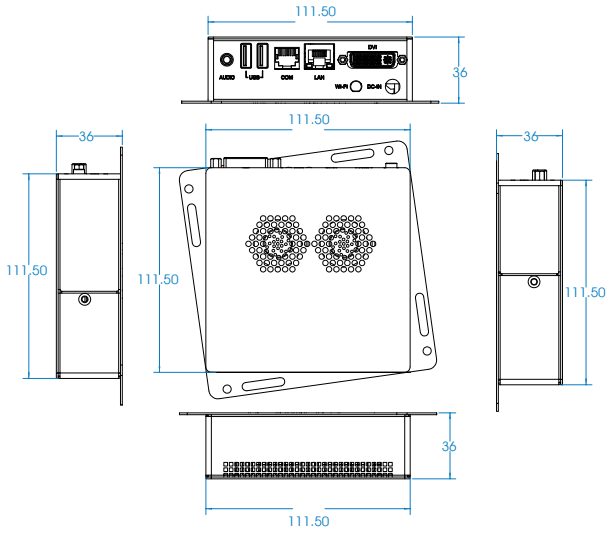
Specifications

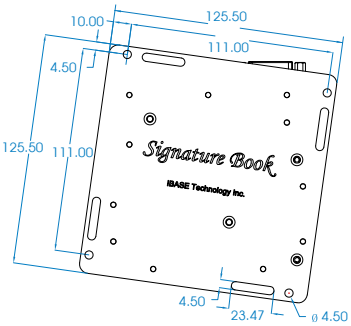
System Mainboard	EB900-16C-SI
CPU Type	AMD G-Series Dual-Core APU (T56N=1.65GHz @ 18W TDP)
CPU Package	413-BGA
Chipset	AMD A50M
Memory	DDR3 1333MHz SO-DIMM memory, Max. 4GB
Graphics	AMD Radeon™ HD6320 series graphics processing system integrated in APU • DirectX 11 • Direct Compute 11 • Open GL 4.0 • OpenCL 1.1 • UVD3 Hardware Video Decoder – MPEG2, MPEG4, H.264, VC-1, WMV9 • Hybrid-DVI connector supporting CRT, DVI, or HDMI
LAN	1x Realtek RTL8111C PCI-E Gigabit LAN controller
Expansion Slots	1x Mini PCI-E(x1) for Wi-Fi + Bluetooth options
I/O Interface	1x Hybrid-DVI (VGA/ DVI/ HDMI with audio) 2x USB 2.0 ports 1x RJ45 for Gigabit LAN 1x RJ45 for RS232 serial port 1x Microjack audio connectors for Line-in or Line-out
Auto Control and Monitoring	Watchdog Timer: 256 segments, 0, 1, 2...255 (sec/min) On / Off scheduler: 2 time slots
Power Requirement	+12V DC-in
Construction	SGCC
Weight	0.8Kg (1.76lbs)
Chassis Color	Black & White
Storage	1x 2.5" HDD drive bay
Power Supply	60W power adaptor
Mounting	Slim design with wall mounting holes
Dimensions	125mm(W) x 125mm(D) x 36mm(H) 4.92"(W) x 4.92"(D) x 1.42"(H)
Operating Temperature	0°C~ 40°C (32°F~104°F)
Storage Temperature	-20°C ~ 80°C (-4°F~176°F)
Relative Humidity	5~90% @ 45°C, (non-condensing)
Vibration	SSD: 5 grms / 5~500Hz / random operation HDD: 0.25 grms / 5~500Hz / random operation
Certification	CE, FCC, UL, CCC

Ordering Information

SI-18	Signage player with AMD T56N APU 1.65GHz, 2GB RAM, 320GB HDD, 60W power adaptor
SI-18M	Signage player with AMD T56N APU 1.65GHz, without RAM, HDD, with 60W power adaptor
SI-MK1	Mounting bracket for SI-06/08/12/18/22 series

Dimensions





SI-22

Entry-Level, Fanless Signage Player, with AMD G-series SoC Quad-Core @ 1.5GHz APU and Radeon™ 8330E Graphics

Signature Book ™

NEW

iSMART

FANLESS

Features

- iSMART - for EuP/ErP power saving, auto-scheduler and power resume
- AMD Embedded G-Series SoC (Max. Quad-Core @ 1.5GHz)
- Integrated 80 Core DirectX 11.1 GPU in processor
- Supports DASH function for remote control
- Supports 2x HDMI 1.4a
- 1x DDR3-1600 SO-DIMM, Single Channel, Max. 8GB
- 1x Mini PCI-E(x1) slots for WiFi + Bluetooth, 3G, and TV tuner board options
- Fanless, super slim and compact design

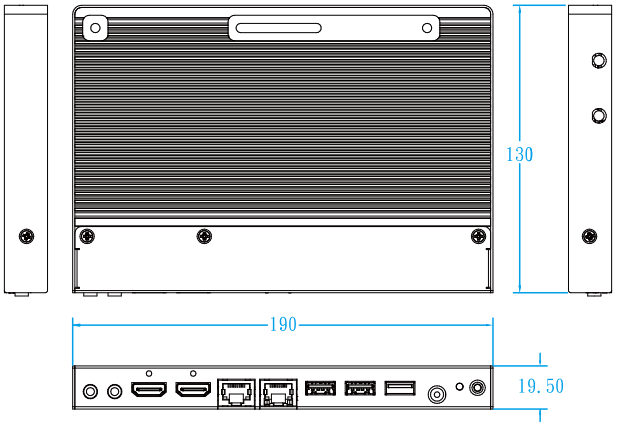
Specifications

System Mainboard	IB922
CPU Type	AMD G-Series; Quad-Core @ 1.5 GHz APU
CPU Socket	FT3 BGA package
Chipset	SoC Integrated
Memory	1x DDR3 1600 MHz SO-DIMM, Max. 8GB (Non-ECC)
Graphics	AMD Radeon™ HD8330E graphics processing system integrated in APU • DirectX 11.1 • Direct Compute 11 • Open GL 4.0 • OpenCL 1.1 • UVD4.2 Hardware Video Decoder –H.264, MPEG-2, VC-1, MPEG4 (DivX), and WMV • VCE 2.0 –Video conferencing, wireless display. H.264, SVC
LAN	1x GbE (Realtek RTL 8111DP)
Expansion Slots	1x Mini PCI-E(x1) for Wi-Fi + Bluetooth, 3G, GPS and TV tuner options
I/O Interface	2x HDMI 1.4a 2x USB 3.0 ports, 1x USB 2.0 port 1x RJ45 for LAN, 1x RJ45 for RS232 2x Microjack audio connectors for Line-in / Line-out Power LED, 1x power on/off button 1x DC jack
Auto Control and Monitoring	Watchdog Timer: 256 segments, 0, 1, 2...255 (sec/min)
Power Requirement	+12V DC-in
Construction	Aluminum + SGCC
Weight	0.9Kg (1.98lbs)
Chassis Color	Black & White
Storage	1x mSATA
Power Supply	60W power adaptor
Mounting	Standard system bracket
Dimensions	190mm(W) x 130mm(D) x 19.5mm(H) 7.5"(W) x 5.1"(D) x 0.77"(H)
Operating Temperature	0°C~ 45°C (32°F~113°F)
Storage Temperature	-20°C ~ 80°C (-4°F~176°F)
Relative Humidity	5~90% @ 45°C, (non-condensing)
Vibration	mSATA: 5 grms / 5~500Hz / random operation
Certification	CE, FCC class B, VCCI class B, UL and CCC

Ordering Information

SI-22-415	Signage Player with G-Series Quad-Core @ 1.5 GHz APU, 4GB DDR3 SO-DIMM, 64GB mSATA, 60W power adaptor
SI-22-415M	Signage Player with G-Series Quad-Core @ 1.5 GHz APU and 60W power adaptor (w/o memory & mSATA)
SI-MK1	Mounting bracket for SI-06/08/12/18/22 series

Dimensions



Remarks: 1. Specifications are subject to change without prior notice.
2. ODM/OEM is available.

SI-38N

Mid-Range, Dual DVI Fanless Signage Player, AMD R-452L Quad-Core/ R-260H Dual-Core APU with Radeon™ 7660G/7500G Graphics

Signature Book™

Features

- iSMART - for EuP/ErP power saving, auto-scheduler and power resume
- Dual independent 1080p playback
- AMD R-Series Quad-Core R-452L/Dual-Core R-260H APU, up to 19W
- 2x DDR3 1600MHz SO-DIMM, Max. 8GB
- AMD Radeon™ HD 7600G/7500G GPU
- Dual Mini PCI-E(x1) slots for Wi-Fi, Bluetooth, 3G or TV tuner options
- Compact and fanless design

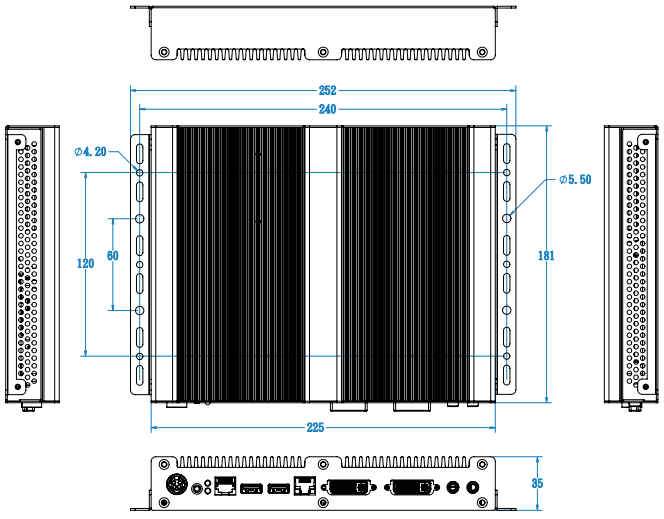
Specifications

System Mainboard	IB937
CPU Type	AMD R-Series 32nm QC/DC APU *The maximum TDP supported is 19W*
CPU Package	827-BGA (837mm*2)
Chipset	AMD A70M
Memory	2x DDR3 1600MHz SO-DIMM memory, Max. 8GB
Graphics	AMD Radeon™ HD 7600G/7500G GPU for Quad-Core R-452L/Dual-Core R-260H 2x Hybrid DVI-I Supports: OpenCL™ 1.1 DirectCompute 11, DirectX® 11 UVD3 Hardware Video Decoder, MPEG-2, MPEG-4, H.264, VC-1, WMV
LAN	1x RTL8111E Gigabit LAN controller
Expansion Slots	1x mSATA/mPCIe(x1) Full size 1x mPCIe(x1) Half size For Wi-Fi, Bluetooth, 3G or TV Tuner options
I/O Interface	1x Hybrid-DVI (VGA/ DVI/ HDMI with audio) 1x Dual-link DVI-I 2x USB 3.0 ports 1x RJ45 for LAN 1x RJ45 for RS232 2x Microjack audio connectors for Line-in / Line-out Power LED / HDD LED, power on/off button
Auto Control and Monitoring	Watchdog Timer: 256 segments, 0, 1, 2...255 (sec/min) On / Off scheduler: 2 time slots
Power Requirement	+12V DC-in
Construction	Aluminum + SGCC
Weight	1.7kg(3.75lbs)
Chassis Color	Black & White
Storage	1x external removable 2.5" HDD/SSD drive bay 1x mSATA
Power Supply	84W power adaptor
Mounting	Slim design with wall mounting holes
Dimensions	270mm(W) x 181mm(D) x 35mm(H) 10.63"(W) x 7.09"(D) x 1.37"(H)
Operating Temperature	0°C~ 45°C (32°F~113°F)
Storage Temperature	-20°C ~ 80°C (-4°F~176°F)
Relative Humidity	5~90% @ 45°C, (non-condensing)
Vibration	SSD: 5 grms / 5~500Hz / random operation HDD: 0.25 grms / 5~500Hz / random operation
Certification	CE, FCC, UL, CCC

Ordering Information

SI-38N-45	Signage Player with AMD R452L Quad-Core (1.6/2.4GHz) CPU, 4GB DDR3 SO-DIMM, 2.5" 320GB SATA HDD, 84W power adaptor
SI-38N-26	Signage Player with AMD R260H Dual-Core (2.1/2.6GHz) CPU, 4GB DDR3 SO-DIMM, 2.5" 320GB SATA HDD, 84W power adaptor
SI-38N-45M	Signage Player with AMD R452L Quad-Core (1.6/2.4GHz) CPU, without RAM, HDD, with 80W adaptor
SI-38N-26M	Signage Player with AMD R260H Dual-Core (2.1/2.6GHz) CPU without RAM, HDD, with 80W adaptor
SI-MK3	Mounting bracket for SI-24SD/28/38 series

Dimensions



SI-38

Mid-Range, Dual DVI Signage Player, AMD R-464L Quad-Core/R-272F Dual-Core APU with Radeon™ 7660G/7520G Graphics

Signature Book ™

Features

- iSMART - for EuP/ErP power saving, auto-scheduler and power resume
- Dual independent 1080p playback
- AMD R-Series Quad-Core R-464L/Dual-Core R-272F APU, up to 35W
- AMD Radeon™ HD 7660G/7520G GPU
- 2x DDR3 1600MHz SO-DIMM, Max. 8GB
- Dual Mini PCI-E(x1) slots for Wi-Fi, Bluetooth, 3G or TV tuner options
- Segrerated flow ventilation design

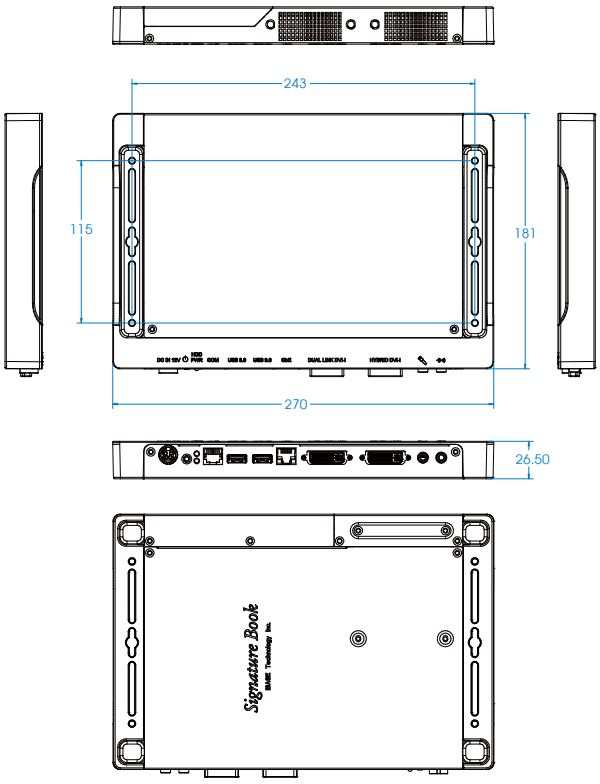
Specifications

System Mainboard	IB938
CPU Type	AMD R-Series 32nm Quad-Core/Dual-Core APU* *The maximum TDP supported is 35W
CPU Package	PGA-722 package (35 x 35 mm)
Chipset	AMD A70M
Memory	2x DDR3 1600MHz SO-DIMM memory, Max. 8GB
Graphics	AMD Radeon™ HD 7660G/7520G GPU for Quad-Core R-464L/Dual-Core R-272F 2x Hybrid DVI-I Supports: OpenCL™ 1.1, DirectCompute 11, DirectX® 11 UVD3 Hardware Video Decoder – MPEG-2, MPEG-4, H.264, VC-1, WMV
LAN	1x RTL8111E Gigabit LAN controller
Expansion Slots	1x mSATA / mPCIe(x1) Full size 1x mPCIe(x1) Half size For Wi-Fi, Bluetooth, 3G or TV tuner options
I/O Interface	1x Hybrid-DVI (VGA/ DVI/ HDMI with audio) 1x Dual-link DVI-I 2x USB 3.0 ports 1x RJ45 for LAN 1x RJ45 for RS232 2x Microjack audio connectors for Line-in / Line-out Power LED / HDD LED, power on/off button
Auto Control and Monitoring	Watchdog Timer: 256 segments, 0, 1, 2...255 (sec/min) On / Off scheduler: 2 time slots
Power Requirement	+12V DC-in
Construction	Aluminum + SGCC
Weight	1.7kg(3.75lbs)
Chassis Color	Black & White
Storage	1x removable 2.5" HDD/SSD drive bay, 1x mSATA
Power Supply	84W power adaptor
Mounting	Slim design with wall mounting holes
Dimensions	270mm(W) x 181mm(D) x 26.5mm(H) 10.63"(W) x 7.09"(D) x 1.04"(H)
Operating Temperature	0°C~ 45°C (32°F~113°F)
Storage Temperature	-20°C ~ 80°C (-4°F~176°F)
Relative Humidity	5~90% @ 45°C, (non-condensing)
Vibration	SSD: 5 grms / 5~500Hz / random operation HDD: 0.25 grms / 5~500Hz / random operation
Certification	CE, FCC, UL, CCC

Ordering Information

SI-38-QC	Signage Player with AMD R464L Quad-Core (2.3GHz) CPU, 4GB DDR3 SO-DIMM, 2.5" 320GB SATA HDD, 84W power adaptor
SI-38-DC	Signage Player with AMD R272F Dual-Core (2.7GHz) CPU, 4GB DDR3 SO-DIMM, 2.5" 320GB SATA HDD, 84W power adaptor
SI-38M	Signage Player without CPU, RAM, HDD, with 80W adaptor
SI-MK3	Mounting bracket for SI-24SD/28/38 series

Dimensions



Remarks: 1. Specifications are subject to change without prior notice.
2. ODM/OEM is available.

SI-7U-38

Mid-Range Signage Chassis 7U 19" Rackmount Signage Chassis

Signature Book™

Features

- 7U Rackmountable Chassis
- Holds up to six SI-38 signage players
- Six thermal speed control fans

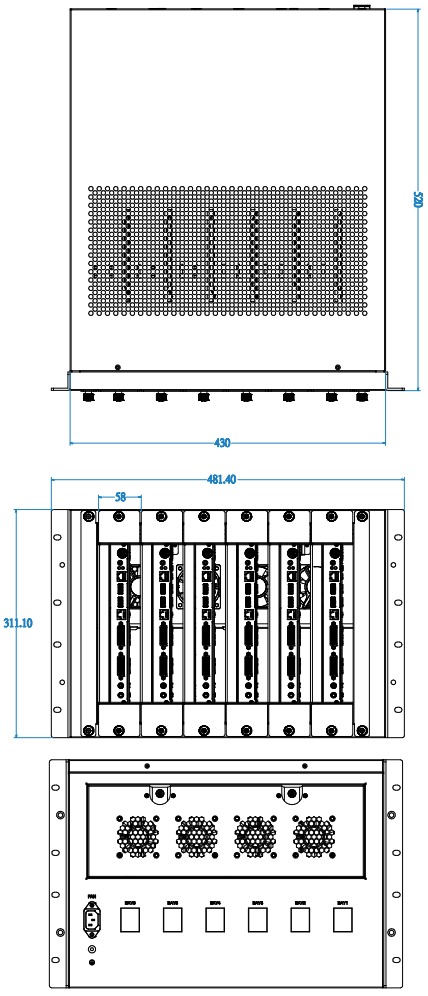
Specifications

Cooling Units	Six 12cm thermal speed controlled DC fans (44.1 ~ 88.3 CFM)
Tray(s)	Six removable trays for SI-38 signage players
Chassis Color	Black & White
Construction	SGCC
Power Supply	Six power adaptor slots
Weight	33kg (72.75lbs)
Dimensions	481.4mm(W) x 520mm(D) x 311.1mm(H)
Carton Size	588mm(W) x 723mm(D) x 518mm(H)
Operating Temperature	0°C~ 40°C (32°F~104°F)
Storage Temperature	-20°C ~ 80°C (-4°F~176°F)
Relative Humidity	5~90% @ 45°C, (non-condensing)

Ordering Information

SI-7U-38	7U 19" Rackmount Signage Rack for SI-38 players

Dimensions



SI-56

Mid-Range, Dual HDMI Signage Player, with 2nd/3rd Gen. Intel® Core™ i7/i5/i3/ Celeron® Quad-Core/Dual-Core processors

Signature Book ™

Features

- iSMART - for auto-scheduler and power resume
- Supports 2nd/3rd Generation Intel® Core™ i7/i5/i3 Mobile Processors
- Intel® HD Graphics Engine
- iAMT Compliance for remote management
- 2x DDR3 1600MHz SO-DIMM, Max. 16GB
- Expresscard slot and dual mPCIe(x1) slots
- Two RS232 serial ports
- Slim and compact design
- Segregated ventilation design

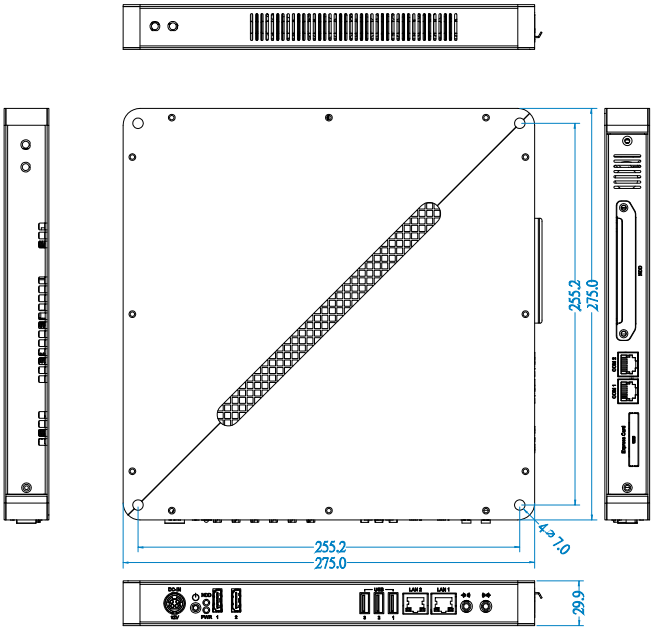
Specifications

System Mainboard	IB958-56
CPU Type	2nd/3rd Generation Intel® Core™ i7/i5/i3 Mobile Processors
CPU Package	FCPGA988
Chipset	Intel® QM67
Memory	2x DDR3 1600MHz SO-DIMM memory, Max. 16GB
Graphics	Intel® HD Graphics Engine DirectX® 10.1, Shader 4.1 OpenGL 3.0 capable Intel® Clear Video HD Technology support: HD Acceleration / H.264, MPEG2, VC1 Decode
LAN	1x Intel® 82579LM Gigabit LAN controller (with iAMT 7.0) 1x Intel® 82579V Gigabit LAN controller
Expansion Slots	2x Mini PCI-E(x1) for Wi-Fi, Bluetooth, TV tuner options 1x Expresscard slot for 3G module
I/O Interface	2x HDMI ports (2 with audio output) 3x USB 2.0 ports 2x RJ45 for Gigabit LAN 2x RJ45 for RS232 serial port 2x Microjack audio connectors for Line-in & Line-out 1x Power button 1x Mini Din 12V DC jack
Auto Control and Monitoring	Watchdog Timer: 256 segments, 0, 1, 2...255 (sec/min) On / Off scheduler: 2 time slots
Power Requirement	+12V DC-in
Construction	SGCC
Weight	3.1Kg (6.83lbs)
Chassis Color	Black & White
Storage	1x removable 2.5" HDD drive bay 1x mSATA
Power Supply	150W power adaptor
Mounting	Slim design with wall mounting holes
Dimensions	275mm(W) x 275mm(D) x 30mm(H) 10.8"(W) x 10.8"(D) x 1.18"(H)
Operating Temperature	0°C~ 40°C (32°F~104°F)
Storage Temperature	-20°C ~ 80°C (-4°F~176°F)
Relative Humidity	5~90% @ 45°C, (non-condensing)
Vibration	CFD: 5 grms / 5~500Hz / random operation HDD: 0.25 grms / 5~500Hz / random operation
Certification	CE, FCC, UL

Ordering Information

SI-56-2510	Signage Player with 2nd Generation Intel® Core™ i5 2510E, 2.5GHz, 4GB RAM,320GB HDD & 150W power adaptor
SI-56M	Signage Player without CPU/RAM/HDD, with 150W power adaptor
SI-MK5	Mounting bracket for SI-56/58 series

Dimensions



Remarks: 1. Specifications are subject to change without prior notice.
2. ODM/OEM is available.

SI-62

Mid-Range, DVI-I + HDMI Signage Player, with 2nd/3rd Gen. Intel® Core™ i7/i5/i3/ Celeron® Quad-Core/Dual-Core processors

Signature Book™

NEW

iSMART

Features

- iSMART - for Auto-scheduler and power resume
- Supports 2nd/3rd Generation Intel® Core™ i7/i5/i3/ Celeron® QC/DC Processors
- 2x DDR3 SO-DIMM, Max. 16GB
- Intel® HD Graphics Engine
- iAMT Compliance for remote management
- 2x USB 3.0 ports
- 2x Mini PCI-E(x1) slot for WiFi, 3G and TV tuner options
- Compact design

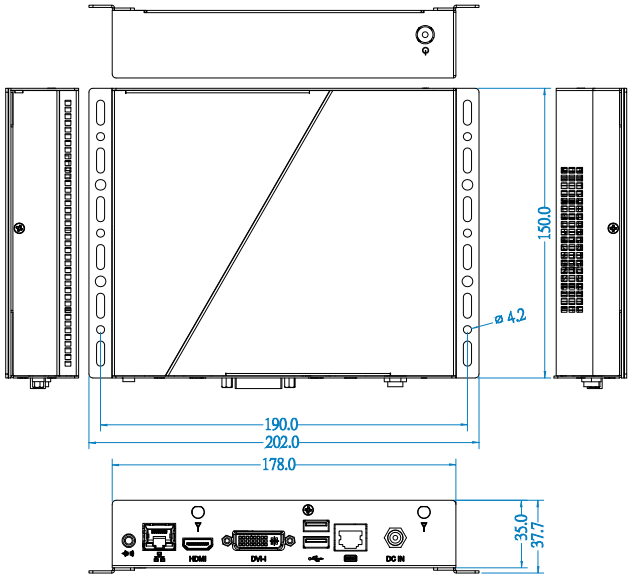
Specifications

System Mainboard	IB902A
CPU Type	2nd/3rd Generation Intel® Mobile Core™ i7/i5/i3/ Celeron® QC/ DC processors (TDP <= 35W)
CPU Socket	rPGA988B
Chipset	Intel® QM77
Memory	2x DDR3 1066/1333/1600 MHz SO-DIMM, Max. 16GB (Non-ECC)
Graphics	Intel® HD Graphics supports: OpenGL 3.0 DirectX® 11 OpenCL 1.1 MFX Hardware Video Decoder – MPEG-2, AVC, VC-1, JPEG
LAN	1x Intel® 82579LM Gigabit LAN controller w/ iAMT 9.0
Expansion Slots	Mini PCI-E(x1) for Wi-Fi + Bluetooth and 3G and TV tuner options, 1x Expresscard slot for 3G module
I/O Interface	1x HDMI, 1x DVI-I 1x Microjack audio connectors for Line-out 1x Gigabit LAN 2x USB 3.0, 1x RS-232 (RJ45 connector) 1x Power button with LED light 1x DC jack
Auto Control and Monitoring	Watchdog Timer: 256 segments, 0, 1, 2...255 (sec/min)
Power Requirement	+12V DC-in
Construction	SGCC
Weight	1kg (2.20lbs)
Chassis Color	Black & White
Storage	1x mSATA 1x SATA 3.0 2.5" HDD Dock
Power Supply	60W power adaptor
Mounting	Standard system bracket
Dimensions	178mm(W) x 150mm(D) x 35mm(H)
Operating Temperature	0°C~ 45°C (32°F~113°F)
Storage Temperature	-20°C ~ 80°C (-4°F~176°F)
Relative Humidity	5~90% @ 45°C, (non-condensing)
Vibration	mSATA: 5 grms / 5~500Hz / random operation
Certification	CE, FCC

Ordering Information

SI-62	Signage Player with Intel® Core™ i5-3610ME processor (3M Cache, up to 3.30 GHz) 4 GB DDR3 SO-DIMM Memory, 2.5" 320GB SATA HDD, 60W power adaptor
SI-62M	Signage Player without CPU, RAM, HDD, with 60W Adaptor
SI-MK3	Mounting bracket for SI-24/28/38/62 series

Dimensions



SI-83

Mid-Range, Dual DP + HDMI Signage Player, with 4th Gen. Intel® Core™ processors

Signature Book ™

Features

- iSMART- for Auto - scheduler and power resume
- iAMT (9.0), vPro and Watchdog timer
- Supports 4th Generation Intel® Core™ processors
- Integrated Intel® HD 4600 /4400
- Supported APIs: DX11.1, OpenCL 1.2, OpenGL 4.0
- 2x DP 1.2, 1x HDMI 1.4a
- 2x DDR3L-1600 SO-DIMM, Dual channel, Max.16GB
- 1x Mini PCI-E(x1) slot for WiFi + Bluetooth, 3G,and TV tuner options
- Slim and segregated ventilation design

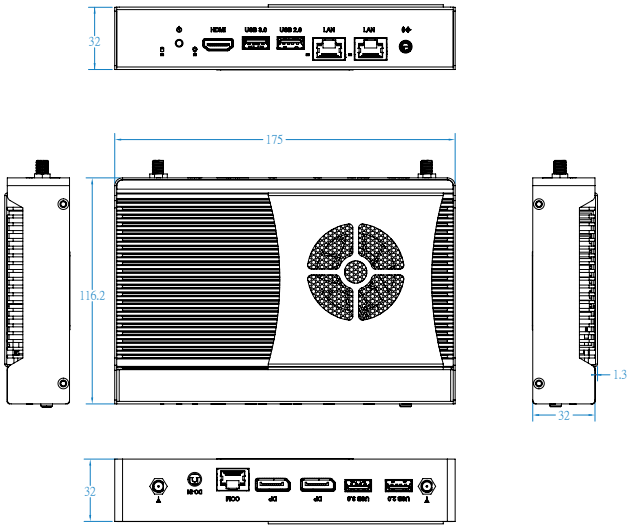
Specifications

System Mainboard	IB983
CPU Type	4th Generation Intel® Core™ i7-4700EQ 2.4GHz 4th Generation Intel® Core™ i5-4400E 2.7GHz
CPU Socket	FCBGA1364 package
Chipset	Intel® QM87
Memory	2x DDR3L-1600 MHz SO-DIMM, Max. 16GB (Non-ECC)
Graphics	Intel® HD 4600 /4400 DX11.1, OpenCL 1.2, OpenGL 4.0 Supports 2x mini DP v1.3, & 1x HDMI 1.4a MVC HW Encode/Decode, Faster AVC Encode Full HW MPEG 2 Encode, JPEG/MJPEG HW Decode Gamut Mapping, Frame Rate Conversion
LAN	1x GbE with Intel® WGI217LM 1x GbE with Realtek RTL8111G-CG
Expansion Slots	1x Mini PCI-E(x1) slot for Wi-Fi + Bluetooth, 3G, and TV tuner options
I/O Interface	1x HDMI 2x DP 2x USB 3.0 ports, 2x USB 2.0 port 2x RJ45 for GbE LAN, 1x RJ45 for RS232 1x Microjack audio connectors for Audio/Mic 1x Power on/off button 1x Reset button 1x DC jack
Auto Control and Monitoring	Watchdog Timer: 256 segments, 0, 1, 2...255 (sec/min)
Power Requirement	+12V DC-in
Construction	Aluminum + SGCC
Weight	1.2Kg (2.65lbs)
Chassis Color	Black & White
Storage	1x mSATA
Power Supply	84W power adaptor
Mounting	Standard system bracket
Dimensions	175mm(W) x 116mm(D) x 32mm(H) 6.9"(W) x 4.6"(D) x 1.18"(H)
Operating Temperature	0°C ~ 45°C (32°F~113°F)
Storage Temperature	-20°C ~ 80°C (-4°F~176°F)
Relative Humidity	5~90% @ 45°C, (non-condensing)
Vibration	mSATA: 5 grms / 5~500Hz / random operation
Certification	CE, FCC, UL, CCC

Ordering Information

SI-83-4700EQ	Digital Signage Player with Intel® Core™ i7-4700EQ (2.4GHz), 4GB DDR3 SO-DIMM memory, 64GB mSATA, 84W power adaptor
SI-83-4400E	Digital Signage Player with Intel® Core™ i5-4400E (2.7GHz), 4GB DDR3 SO-DIMM memory, 64GB mSATA, 84W power adaptor
SI-83-4700EQM	Digital Signage Player with Intel® Core™ i7-4700EQ (2.4GHz), with 84W power adaptor, w/o memory, mSATA
SI-83-4400EM	Digital Signage Player with Intel® Core™ i5-4400E (2.7GHz), with 84W power adaptor, w/o memory, mSATA
SI-MK3	Mounting bracket for SI-24/28/38/62/83 series

Dimensions



Remarks: 1. Specifications are subject to change without prior notice.
2. ODM/OEM is available.

SI-58

Extreme Performance, Six HDMI Signage Player, with 2nd/3rd Gen. Intel® Core™ i Processor and AMD Radeon™ E6760 Graphics

Signature Book™

Features

- iSMART - for auto-scheduler and power resume
- Supports up to six display outputs
- Discrete AMD Radeon E6760 graphics processors (480 processing elements) with 1024MB GDDR5-1600 graphics memory
- Supports 2nd/3rd Generation Intel® Core™ i processor
- Supports 2x DDR3 1333MHz SO-DIMM, Max. 16GB
- Expresscard slot and dual mPCIe(x1) slots
- Two RS232 serial ports
- Slim and Segregated flow ventilation design

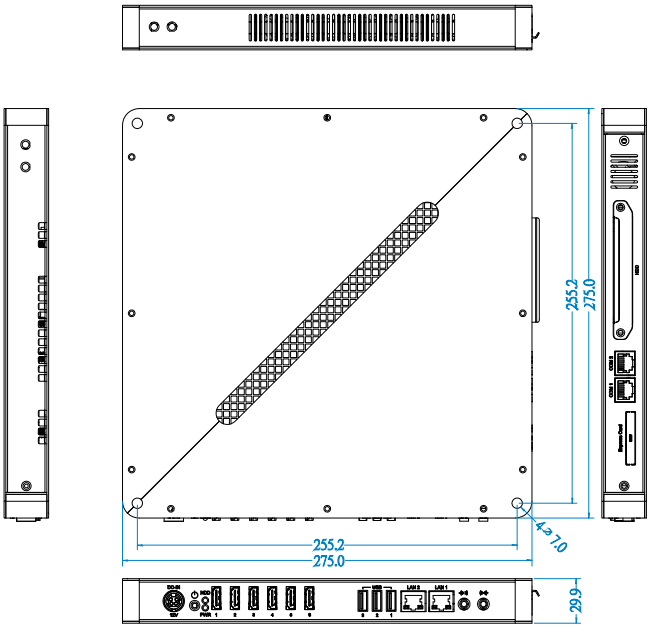
Specifications

System Mainboard	IB958-58
CPU Type	2nd/3rd Generation Intel® Core™ i7/i5/i3 Mobile Processors
CPU Package	FCPGA988
Chipset	Intel® QM67
Memory	Supports 2x DDR3 1333MHz SO-DIMM memory, Max. 16GB
Graphics	• AMD Radeon™ E6760 GPU (480 Cores @ 600 MHz; 31W) with 1024MB GDDR5-1600 (57.6 GB/s) • 128-bit wide, 1.DirectX®11GB GDDR5, 51.2 GB/s • DirectX®11, Shader 5.0, OpenGL 4.1 capable • UVD3 video & display engines for HD, Blu-ray & 3D
LAN	1x Intel® 82579LM Gigabit LAN controller (with iAMT 7.0) 1x Intel® 82579V Gigabit LAN controller
Expansion Slots	2x Mini PCI-E(x1) for Wi-Fi, Bluetooth, TV tuner options 1x Expresscard slot for 3G module
I/O Interface	6x HDMI ports (2 with audio output) 3x USB 2.0 ports 2x RJ45 for Gigabit LAN 2x RJ45 for RS232 serial port 2x Microjack audio connectors for Line-in & Line-out 1x Power button 1x Mini Din 12V DC Jack
Auto Control and Monitoring	Watchdog Timer: 256 segments, 0, 1, 2...255 (sec/min) On / Off scheduler: 2 time slots
Power Requirement	+12V DC-in
Construction	SGCC
Weight	3.1Kg (6.83lbs)
Chassis Color	Black & White
Storage	1x removable 2.5" HDD drive bay 1x mSATA
Power Supply	150W power adaptor
Mounting	Slim design with wall mounting holes
Dimensions	275mm(W) x 275mm(D) x 30mm(H) 10.8"(W) x 10.8"(D) x 1.18"(H)
Operating Temperature	0°C~ 40°C (32°F~104°F)
Storage Temperature	-20°C ~ 80°C (-4°F~176°F)
Relative Humidity	10~90% @ 45°C, (non-condensing)
Vibration	SSD: 5 grms / 5~500Hz / random operation HDD: 0.25 grms / 5~500Hz / random operation
Certification	CE, FCC, CCC, UL

Ordering Information

SI-58-2510	Signage Player w/ 2nd Generation Intel® Core™ i5 2510E 2.5GHz, w/ AMD E6760 GPU, 4GB RAM, 320GB HDD, 150W power adaptor
SI-58M	Signage Player w/ AMD E6760 & 150W power adaptor, w/o CPU/RAM/HDD
SI-MK5	Mounting bracket for SI-56/58 series

Dimensions



SI-64

Extreme Performance, Four DVI Signage Player, with 2nd/3rd Gen. Intel® Core™ i Desktop Processor and AMD Radeon™ E6760 Graphics

Signature Book ™

Features

- iSMART - for auto-scheduler and power resume
- Supports up to four display outputs
- Discrete AMD Radeon™ E6760 graphics processors (480 processing elements) with 1024MB GDDR5-1600 graphics memory
- Supports 3rd Generation Intel® Core™ i7/i5/i3, Pentium QC/DC desktop processors
- 2x DDR3 1600MHz DIMM, Max. 16GB
- 2x Mini PCI-E(x1) slots for WiFi, 3G and TV tuner options
- Two RS232 serial ports

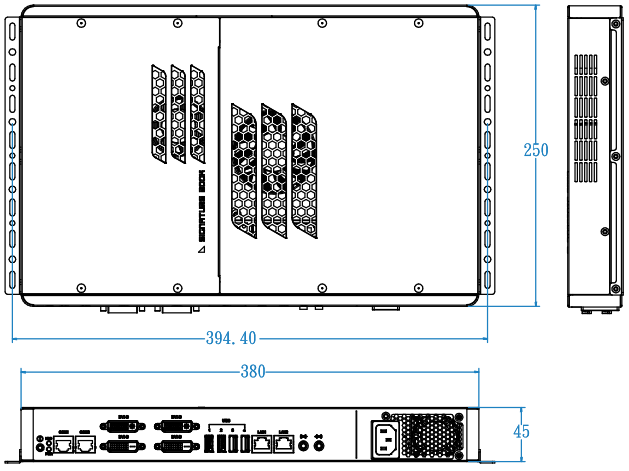
Specifications

System Mainboard	IB964
CPU Type	3rd Generation Intel® Core™ i7/i5/i3, Pentium QC/DC Desktop Processors *The maximum TDP supported 77W
CPU Socket	LGA1155
Chipset	Intel® Q77
Memory	2x DDR3 1600MHz DIMM, Max. 16GB (Non-ECC)
Graphics	AMD E6760 GPU (480 Cores @ 600 MHz; 31W) with 1024MB GDDR5-1600 (57.6 GB/s) 128-bit wide, 1.DirectX®11GB GDDR5, 51.2 GB/s DirectX®11, Shader 5.0, OpenGL 4.1 capable UVD3 video & display engines for HD, Blu-ray & 3D
LAN	1x Intel® 82579LM Gigabit LAN controller (with iAMT 8.0) 1x Intel® 82579V Gigabit LAN controller
Expansion Slots	2x Mini PCI-E(x1) slot for WiFi, 3G and TV tuner options
I/O Interface	3x DVI, 1x Hybird DVI (DVI/ VGA / HDMI with audio) 2x USB 2.0 ports, 2x USB 3.0 ports 2x RJ45 for LAN, 2x RJ45 for RS232 2x Microjack audio connectors for Line-in / Line-out Power / HDD LED, 1x Power on/off button 1x Power jack
Auto Control and Monitoring	Watchdog Timer: 256 segments, 0, 1, 2...255 (sec/min)
Power Requirement	AC-in
Construction	SGCC
Weight	4.1kg (9.04lbs)
Chassis Color	Black & White
Storage	1x mSATA 1x SATA 3.0 2.5" HDD Dock
Power Supply	Internal 250w PSU
Mounting	Standard system bracket
Dimensions	380mm(W) x 250mm(D) x 45mm(H) 14.9"(W) x9.8"(D) x 1.77"(H)
Operating Temperature	0°C~ 45°C (32°F~113°F)
Storage Temperature	-20°C ~ 80°C (-4°F~176°F)
Relative Humidity	5~90% @ 45°C, (non-condensing)
Vibration	mSATA: 5 grms / 5~500Hz / random operation
Certification	CE, FCC, CCC , UL

Ordering Information

SI-64	Signage Player with 3rd Generation Intel® Core™i5 (DT) i5-3550S Processors (6M Cache, up to 3.0 GHz) with AMD E6760 GPU, 8GB DDR3 DIMM, 2.5" 320GB SATA HDD
SI-64M	Signage Player with AMD E6760 GPU, without CPU/RAM/ HDD

Dimensions



Remarks: 1. Specifications are subject to change without prior notice.
2. ODM/OEM is available.

SI-4R

Extreme Performance, Redundant Blade Player System

Signature Book™

Features

- Blade based with 2 + 1 blade players
- Eight DVI outputs
- Redundant power supply and storage
- Easily accessible active components
- Modular design
- Auto fail over

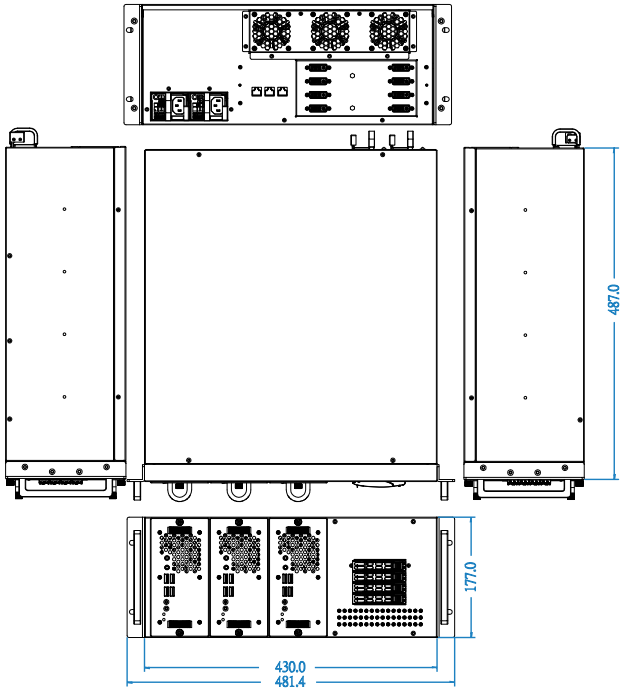
Specifications

CPU Type	3rd Generation Intel® Core™ i7/i5/i3 and Pentium® QC/DC processors, up to 3.5GHz
CPU Socket	LGA1155
Chipset	Intel® Q77 PCH
Memory	2x DDR3 1066/1333/1600 MHz SO-DIMM, Max. 16GB (Non-ECC)
Graphics	AMD E6760 GPU (480 Cores @ 600 MHz; 31W) w/ 1024MB GDDR5-1600 (57.6 GB/s) 128-bit wide, 1.DirectX® 11GB GDDR5, 51.2 GB/s DirectX® 11, Shader 5.0, OpenGL 4.1 capable UVD3 video & display engines for HD, Blu-ray & 3D
LAN	1x Intel® 82579LM Gigabit LAN controller (w/ iAMT 8.0)
Expansion Slots	1x mPCI-E(x1) slot for WiFi, 3G and TV tuner options
I/O Interface	8x DVI 2x USB 3.0 ports 2x USB 2.0 ports 3x RJ45 for LAN 1x RJ45 for RS232 2x Microjack audio connectors for Line-in / Line-out Power LED / HDD LED, power on/off button 1x power button with LED light
Auto Control and Monitoring	256 segments, 0, 1, 2...255 (sec/min)
Power Requirement	N/A
Construction	SGCC
Weight	TBD
Chassis Color	Black & White
Storage	Supports 2x SATA 3.0 2.5" HDD Dock (Raid 1)
Power Supply	150W power adaptor
Mounting	Standard system bracket
Dimensions	430mm(W) x 487mm(D) x 177mm(H) 15.7"(W) x19.1"(D) x 6.97"(H)
Operating Temperature	0°C~ 45°C (32°F~113°F)
Storage Temperature	-20°C ~ 80°C (-4°F~176°F)
Relative Humidity	5~90% @ 45°C, (non-condensing)
Vibration	5 grms / 5~500Hz / random operation
Certification	N/A

Ordering Information

SI-4R	Redundant Blade Player system with 3x SI-BP(Blade Player), 4x 2.5" 320GB SATA HDD with RAID 1 function, 2x redundant power supply.

Dimensions



IOPS-18

OPS Signage Player, with AMD G-Series 1.65GHz Dual-Core APU and Radeon™ 6320 Graphics

OPS Module

Features

- AMD Embedded G-Series APU (Dual-Core)
- Integrated 80 Core DirectX 11 GPU in processor
- 1x DDR3 1333 MHz SO-DIMM, Max. 4GB
- Supported I/O: VGA, LAN port, USB 2.0, COM port, internal Mini PCI-E, OPS connector
- HDD LED Activity Indicator

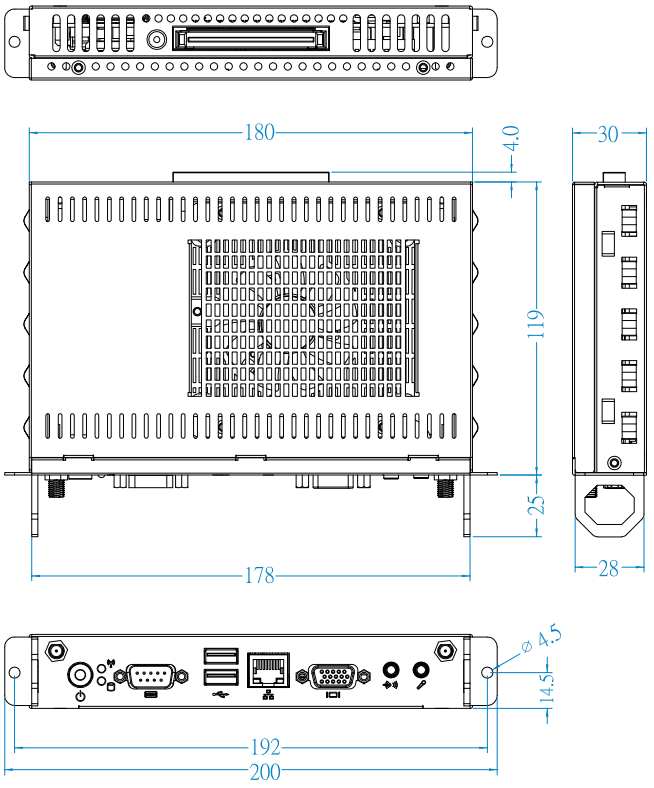
Specifications

System Mainboard	iOPS-18MB
CPU Type	AMD G-Series Dual-Core APU (Accelerated Processing Unit):T56N=1.65GHz @ 18W TDP
CPU Package	413-BGA
Chipset	AMD A50M Controller Hub
Memory	1x DDR3 1333MHz SO-DIMM 204PIN (Max. 8GB)
Graphics	AMD Radeon HD6320 series graphics processing system integrated in APU • DirectX 11 • Direct Compute 11 • Open GL 4.0 • OpenCL 1.1 • UVD3 Hardware Video Decoder – MPEG2, MPEG4, H.264, VC-1, WMV9 • HDMI/ DP: (via OPS interconnection) • VGA
LAN	1x Realtek RTL8111C PCI-E Gigabit LAN controller
Expansion Slots	1x Mini PCI-E(x1) for Wi-Fi, Bluetooth, TV tuner options
I/O Interface	1x OPS connector (JAE TX 25, Pin definition follow Intel OPS Spec) 1x D-Sub, 1x Gigabit LAN (RJ-45), 2x USB2.0 compliant 1x COM port (RS-232), Power button, Line-In/Line-out
Auto Control and Monitoring	Watchdog timer: 256 segments, 0, 1, 2...255 (sec/min)
Power Requirement	DC-in +12~+19V (Intel® OPS standard)
Construction	Aluminum + SGCC (steel)
Weight	0.9kg (1.98lbs)
Chassis Color	Black
Storage	2.5" open frame SSD
Mounting	Slim design with wall mounting holes
Dimensions	200mm(W) x 119mm(D) x 30mm(H) 7.87"(W) x 4.69"(D) x 1.18"(H)
Operating Temperature	0°C~ 40°C (32°F~104°F)
Storage Temperature	-20°C ~ 80°C (-4°F~176°F)
Relative Humidity	5~90% @ 45°C, (non-condensing)
Vibration	SSD: 5 grms / 5~500Hz / random operation HDD: 0.25 grms / 5~500Hz / random operation
Certification	CE, FCC

Ordering Information

iOPS-18	OPS System with AMD T56N APU 1.65GHz, 2GB RAM, 32GB SSD
iOPS-18M	OPS System with AMD T56N APU 1.65GHz without memory and HDD

Dimensions



Remarks: 1. Specifications are subject to change without prior notice.
2. ODM/OEM is available.

IOPS-76 OPS Signage Player, with 2nd/3rd Gen. Intel® Core™ i Processor and Intel® HD Integrated Graphics

OPS Module

Features

- Supports 2nd/3rd Generation Intel® Core™ i5/i7/ Celeron Mobile QC/DC Processors
- 2x DDR3 1333MHz SO-DIMM, Max. 16GB
- Supported I/O: Display port, USB 3.0, LAN port
- Intel® HD Graphics Engine
- iAMT Compliance for remote management
- 2x USB 3.0 ports
- 1x Mini PCI-E(x1) slots for Wi-Fi/ Bluetooth/ TV / Tuner/ 3G Wireless options

Specifications

System Mainboard	iOPS-76 MB
CPU Type	2nd/3rd Generation Intel® Core™ i7/i5/i3/ Celeron® Quad-Core/Dual-Core Mobile Processors (TDP <= 35W)
CPU Package	FCBGA1023
Chipset	Intel® QM77 PCH
Memory	2x DDR3 1600MHz SO-DIMM memory, Max. 16GB
Graphics	Intel® HD Graphics supports: OpenGL 3.0 DirectX® 11 OpenCL 1.1 MFX Hardware Video Decoder – MPEG-2, AVC, VC-1, JPEG
LAN	1x Intel® 82579LM Gigabit LAN controller
Expansion Slots	1x Mini PCI-E(x1) slot for Wi-Fi, Bluetooth, TV Tuner, 3G Wireless
I/O Interface	1x DisplayPort 2x USB 3.0 ports 1x RJ45 for LAN 2x Microjack audio connectors for Line-in / Line-out Power On/Reset button
Auto Control and Monitoring	256 segments, 0, 1, 2...255 (sec/min)
Power Requirement	DC-in +12~+19V (Intel® OPS standard)
Construction	Aluminum + SGCC(steel)
Weight	0.9kg (1.98lbs)
Chassis Color	Black
Storage	1x mSATA
Mounting	Open Pluggable Specification
Dimensions	200mm(W) x 119mm(D) x 30mm(H) 7.87"(W) x 4.69"(D) x 1.18"(H)
Operating Temperature	0°C~ 40°C (32°F~104°F)
Storage Temperature	-20°C ~ 80°C (-4°F~176°F)
Relative Humidity	5~90% @ 45°C, (non-condensing)
Vibration	mSATA: 5 grms / 5~500Hz / random operation
Certification	CE, FCC

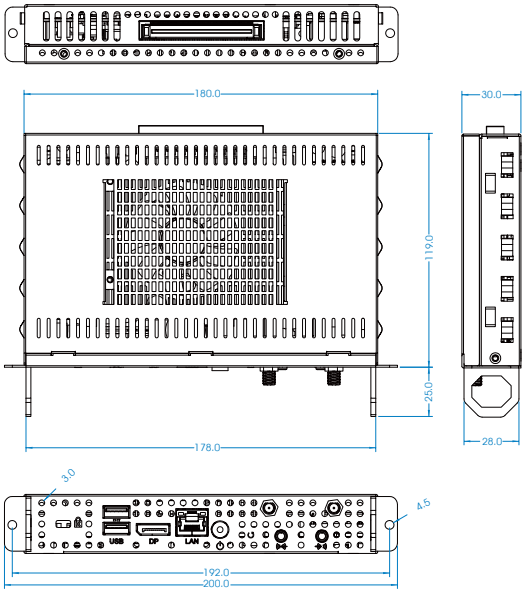
Expansion Dock

I/O Interface	1x DisplayPort, 1x HDMI port 1x USB 3.0 port, 2x USB 2.0 ports 1x DB9 for RS232 1x Microjack audio connectors for Line-in / Line-out 1x 12~19V Mini DIN DC Jack
Dimensions	7.89"(W) x 6.85"(D) x 1.44"(H)

Ordering Information

iOPS-76	OPS Player with Intel® Core™ i5-3610ME Mobile processor (3M Cache, up to 3.30 GHz) 8GB RAM, 64GB mSATA
iOPS-76L	OPS Player with Intel® Celeron® 827E processor(1.5M Cache, 1.40 GHz), 8GB RAM, 64GB mSATA
iOPS-76-M	OPS Player with Intel® Core™ i5-3610ME Mobile processor(3M Cache, up to 3.30 GHz) without Memory / mSATA
iOPS-76L-M	OPS Player with Intel® Celeron® 827E Mobile processor, without Memory / mSATA
iOPS-EK1-SYS	iOPS-76 series Expansion Dock with 150W adapter- for use without OPS display

Dimensions



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